

Determination of shikimic acid in fruit of Illiciaceae plants by HPLC with diode-array detection

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OBJECTIVE: To establish the determination method of Shikimic acid. **METHOD:** Using HPLC method as the determination method. The separation was performed in a SiO₂-NH₂ column with a mobile phase of Acetonitrile-2% H₃PO₄ water solution (95:5); The sample wavelength was 213 nm, reference wavelength 300 nm. **RESULT:** The average collection was 98.5%, RSD 1.67% (n = 5). **CONCLUSION:** This method is suitable for the determination of Shikimic acid in herb medicines and preparation containing shikimic acid.